

1Fw



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/784,837

Filed: February 23, 2004

Inventor(s):

Eileen M. Marando and
Robert W. Schoepflin

Title: MAPPING A PLURALITY
OF SENSORS TO
RESPECTIVE ZONES IN A
FAN CONTROL SYSTEM

§
§ Examiner: Unknown
§ Group/Art Unit: 3746
§ Atty. Dkt. No: 5707-04400
§
§
§
§
§
§
§
§
§

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Jeffrey C. Hood

Signature

11/12/2004

Date

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant requests consideration of ☒ the references listed on the attached Form PTO-1449 and/or ☐ the additional information identified below in paragraph 3. The above-referenced application was filed after June 30, 2003, therefore we are not required to submit a copy of the U.S. patent document references A1-A24 listed on the Form PTO-1449. A copy of references A25-A28 listed on the Form PTO-1449 is enclosed.

1. This Information Disclosure Statement is submitted:

- a. ☐ within 3 months of the filing date of a national application other than a continued prosecution application under § 1.53(d);
☐ within 3 months of the date of entry of the national stage as set forth in § 1.491 in an International application;
☒ before the mailing date of a first Office Action on the merits; or
☐ before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.

- b. ☐ after the events of above paragraph 1a and prior to the mailing date of a final Office Action or Notice of Allowance, and thus: ☐ the certification of paragraph 2 below is provided, or ☐ a fee of \$180.00 is enclosed below.
- c. ☐ after the mailing date of a final Office Action or a Notice of Allowance and prior to payment of the issue fee, and thus: the certification of paragraph 2 below is provided and a fee of \$180.00 is enclosed below.

2. It is hereby certified:

- ☐ that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in § 1.56 (c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following additional information (including any co-pending or abandoned U.S. applications, prior uses and/or sales, etc.) is requested:

4. For each non-English language reference listed on the attached Form PTO-1449:

- ☐ reference is made to an English language translation submitted herewith, and/or
- ☐ reference is made to a foreign patent office search report (in the English language) submitted herewith, and/or
- ☐ reference is made to an English language translation of a foreign patent office search report submitted herewith, and/or
- ☐ reference is made to the concise explanation contained in the specification of the present application at page(s) _____, and/or
- ☐ reference is made to the concise explanation set forth below:

5. ☐ Applicant also offers the following comments for the Examiner's consideration:

6. ☐ Also enclosed is a copy of a foreign search report citing these references.

7. ☐ The listed documents were brought to the attention of the Applicant(s) after payment of the issue fee in the captioned case. The documents were cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. Applicant(s) request this Information Disclosure Statement and attached Form PTO-1449 be placed in the file of the captioned application.

8. ☐ Applicant(s) requests that the Information Disclosure Statement and attached Form PTO-1449 and references, which are being filed before the grant of the patent and pursuant to 37 C.F.R. § 1.97(i), be placed in the file of the captioned application.

Applicant does not believe that any fees are required relating to this Information Disclosure Statement. The Commissioner is hereby authorized to charge any fees which may be required or credit any overpayment to Meyertons, Hood, Kivlin, Kowert & Goetzel PC, Deposit Account No. 50-1505/5707-04400/JCH.

Respectfully submitted,



Jeffrey C. Hood
Reg. No. 35,198
Attorney for Applicant(s)

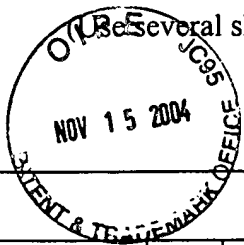
MEYERTONS HOOD KIVLIN KOWERT & GOETZEL PC
P. O. Box 398
Austin, Texas 78767
(512) 853-8800

Date: 11/12/2004

Form PTO-1449 (modified)
List of Patents and Publications
For Applicant's Information
Disclosure Statement

ATTY. DOCKET NO: 5707-04400

SERIAL NO: 10/784,837



(Use several sheets if necessary)

APPLICANT: Marando et al.

FILING DATE: February 23, 2004

GROUP: 3746

U.S. PATENT DOCUMENTS

| EXAM. INITIALS | REF. DES | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|-------------------|-------------|--------------------|------------|------------------|-------|--------------|-------------------------------|
| | A1 | 4,722,669 | 02/02/1988 | Kundert | | | |
| | A2 | 4,727,468 | 02/23/1988 | Maekawa | | | |
| | A3 | 5,249,741 | 10/05/1993 | Bistline et al. | | | |
| | A4 | 5,307,439 | 04/26/1994 | Enami | | | |
| | A5 | 5,687,079 | 11/11/1997 | Bauer et al. | | | |
| | A6 | 5,727,928 | 03/17/1998 | Brown | | | |
| | A7 | 5,825,972 | 10/20/1998 | Brown | | | |
| | A8 | 5,942,866 | 08/24/1999 | Hsieh | | | |
| | A9 | 5,962,933 | 10/05/1999 | Henderson et al. | | | |
| | A10 | 5,990,582 | 11/23/1999 | Henderson et al | | | |
| | A11 | 6,182,902 | 02/06/2001 | Shih | | | |
| | A12 | 6,188,189 | 02/13/2001 | Blake | | | |
| | A13 | 6,208,538 | 03/27/2001 | Halamik et al. | | | |
| | A14 | 6,226,324 | 05/01/2001 | Allstrom | | | |
| | A15 | 6,247,898 | 06/19/2001 | Henderson et al | | | |
| | A16 | 6,262,549 | 07/17/2001 | Yang et al. | | | |
| | A17 | 6,519,167 | 02/11/2003 | Nguyen | | | |
| | A18 | 6,528,987 | 03/04/2003 | Blake et al. | | | |
| | A19 | 6,563,284 | 05/13/2003 | Teutsch et al. | | | |
| | A20 | 6,601,168 | 07/29/2003 | Stancil et al. | | | |
| | A21 | 6,650,074 | 11/18/2003 | Vyssotski et al. | | | |
| | A22 | 6,661,679 | 12/09/2003 | Yang et al. | | | |

Form PTO-1449 (modified)
 List of Patents and Publications
 For Applicant's Information
 Disclosure Statement
 (Use several sheets if necessary)

ATTY. DOCKET NO: 5707-04400

SERIAL NO: 10/784,837

APPLICANT: Marando et al.

FILING DATE: February 23, 2004

GROUP: 3746

U.S. PATENT DOCUMENTS

| EXAM. INITIALS | REF. DES | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|-------------------|-------------|--------------------|------------|-------------|-------|--------------|-------------------------------|
| | A23 | US 2003/0193307 A1 | 10/16/2003 | Burstein | | | |
| | A24 | US 2004/0001542 A1 | 01/01/2004 | Miller, Jr. | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

FOREIGN PATENT DOCUMENTS

| EXAM. INITIALS | REF. DES | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION. YES/NO |
|-------------------|-------------|--------------------|------|---------|-------|--------------|------------------------|
| | | | | | | | |
| | | | | | | | |

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | A25 | Marando et al., U.S. Patent Application No. 10/459,169 entitled "Programmable PWM Stretching for Tachometer Measurement", filed on June 11, 2003. |
| | A26 | Analog Devices, Publication ADM1027, "dBCOOL™ Remote Thermal Controller and Voltage Monitor," 2003, 56 pages. |
| | A27 | National Semiconductor Corporation, Publication LM63, "±1°C Accurate Remote Diode Digital Temperature Sensor with Integrated Fan Control," February 2003, 28 pages. |
| | A28 | Stephen Ohr, "Analog IC vendors find 'Intel Inside' a safe bet," September 12, 2002, online at http://www.eetimes.com/story/OEG20020912S0026 . |

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.